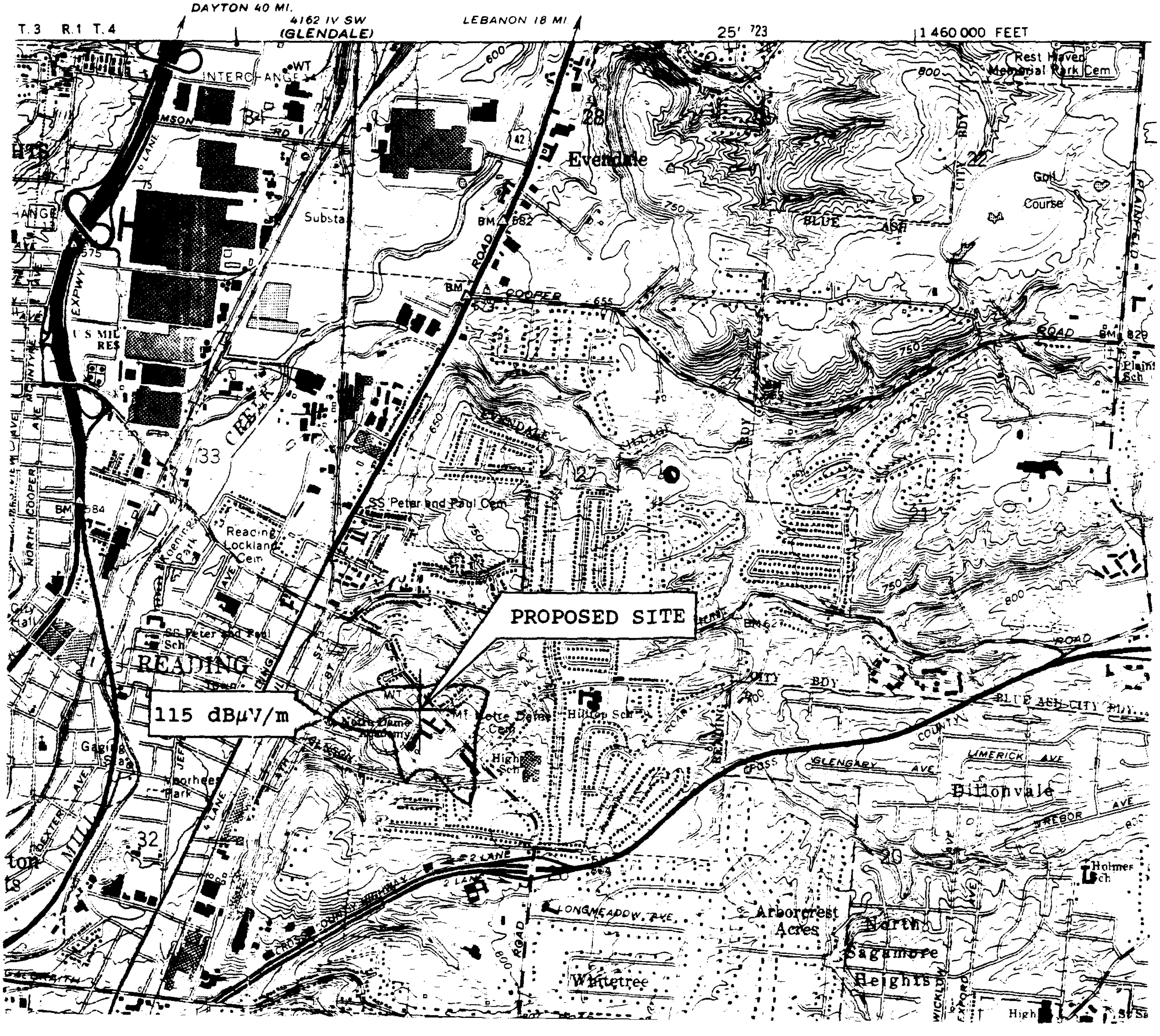
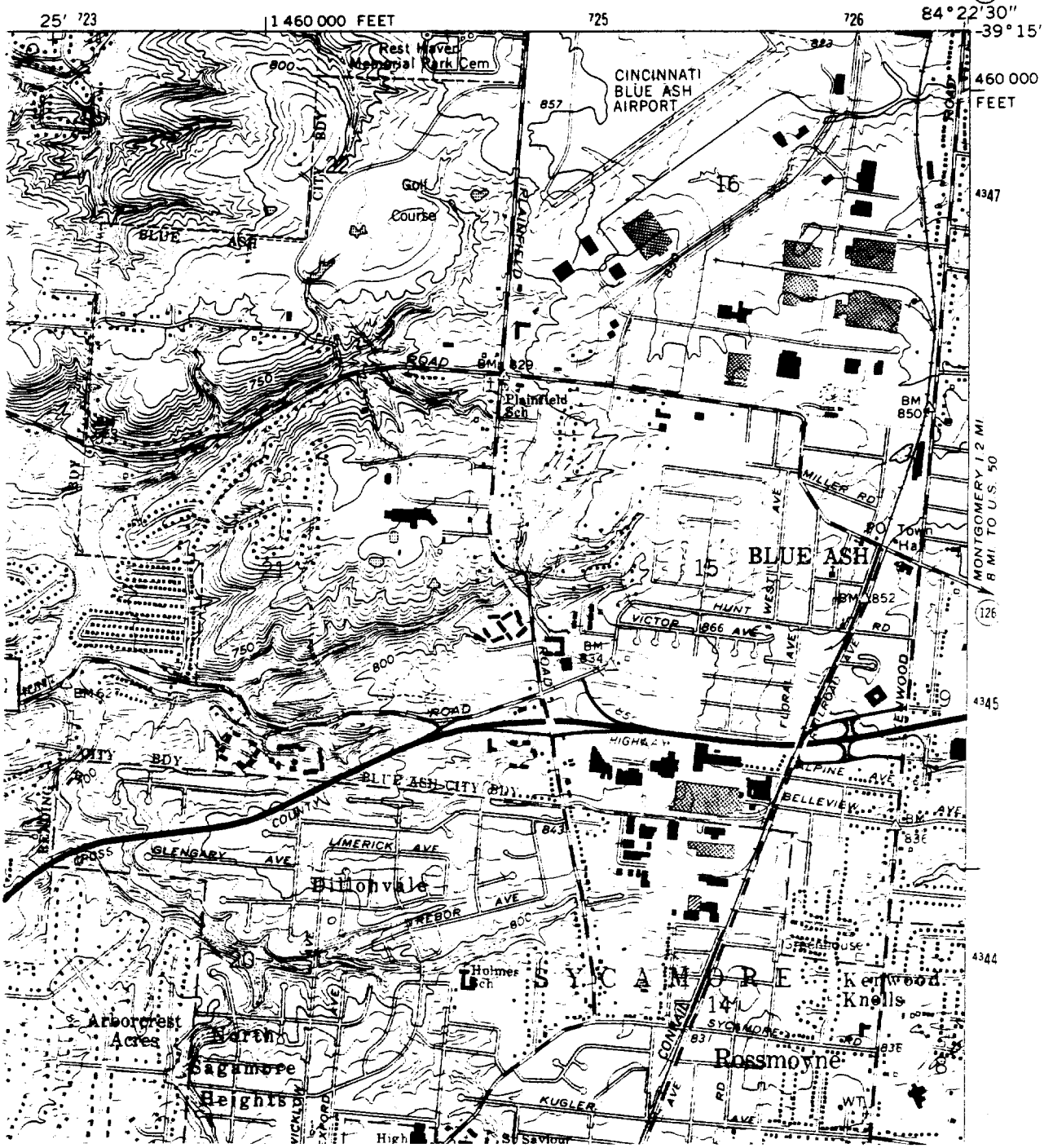
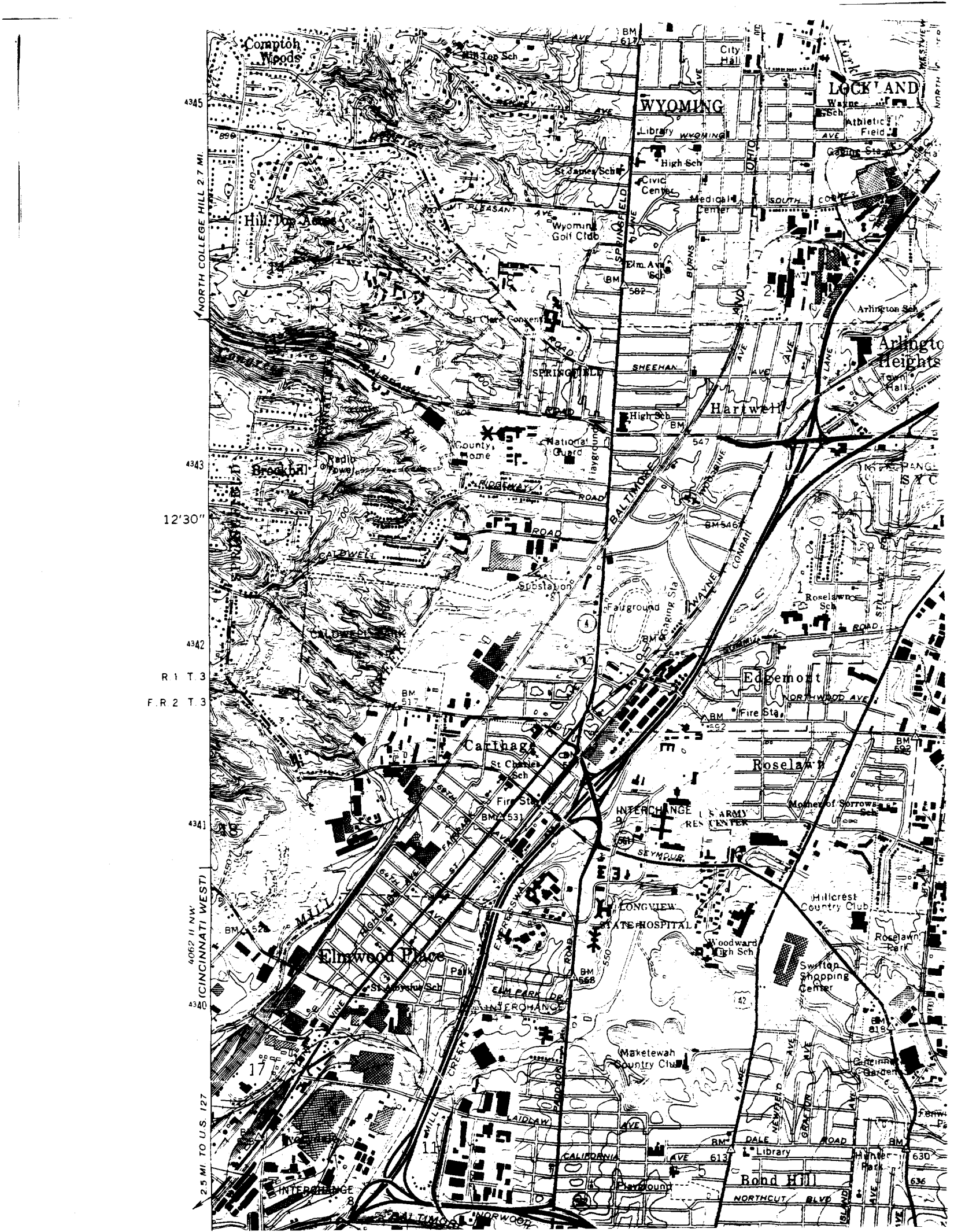
Cl

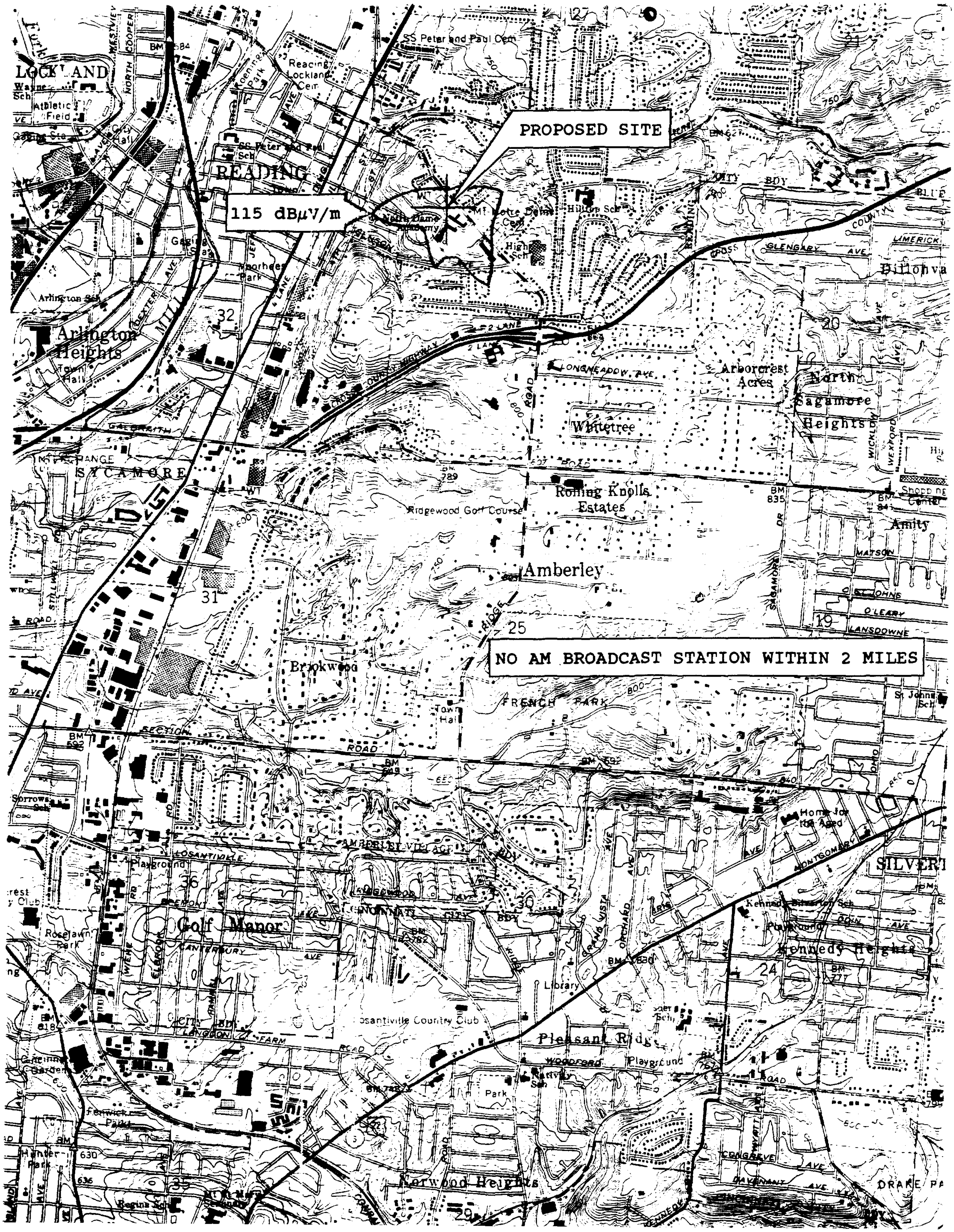
7


DAYTON 40 MI.
T.3 R.1 T.4
4162 IV SW
(GLENDALE)
LEBANON 18 MI.
25' 723
1 460 000 FEET
Rest Haven Memorial Park Cem
INTERCHANGE
Evendale
Substa
Golf Course
BLUE ASH
COOPER
ROAD
US MIL RES
EXPWY
CREEK
SS Peter and Paul Cem
Reading Lockland Cem
PROPOSED SITE
SS Peter and Paul Sch
READING
115 dBμV/m
Notre Dame Academy
Mt Notre Dame Cem
Hilltop Sch
High Sch
GLENGARY AVE
LIMERICK AVE
Dillonvale
Voorhees Park
Holmes Sch
LONGMEADOW AVE
Arborcrest Acres
North Sagamore Heights
Whitetree
CITY BDY
BLUE ASH CITY BDY
COUNTY
MILL
DEXTER AVE
NORTH COOPER
REBOR AVE
ROAD
2 LANE
City Hall

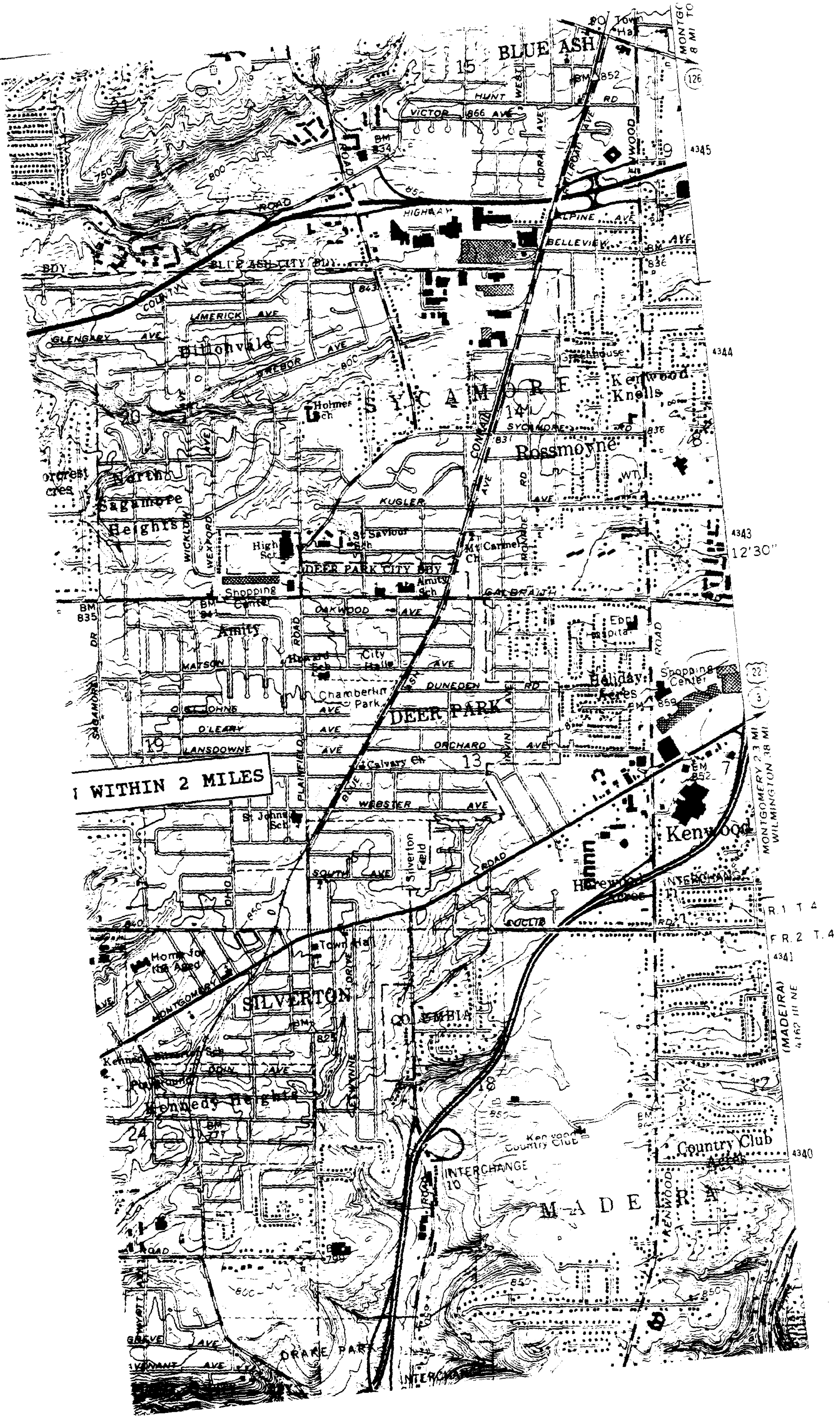
CINCINNATI EAST QUADRANGLE
OHIO—HAMILTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




Compton Woods
Hill Top Sch
WYOMING
City Hall
LOCKLAND
Wayne Sch
Athletic Field
Library
High Sch
St James Sch
Civic Center
Medical Center
Wyoming Golf Club
Hill Top Acres
Elm Ave Sch
Arlington Sch
Arlington Heights
Town Hall
St Clare Convent
SPRINGFIELD
SHEEHAN
Hartwell
National Guard
County Home
Radio Towers
Brookhill
RIDGEWAY
CALDWELL
Substation
Fairground
Caring Sta
Roselawn Sch
Edgemont
NORTHWOOD AVE
Fire Sta
Carthage
St Charles Sch
Roselawn
Mother of Sorrows Sch
INTERCHANGE 9
ARMY RES CENTER
SEYMOUR
Hillcrest Country Club
LONGVIEW STATE HOSPITAL
Woodward High Sch
Roselawn Park
Swifton Shopping Center
Elmwood Place
St Aloysius Sch
ELM PARK DR
INTERCHANGE
Maketewah Country Club
MILL CREEK
LAIDLAW
CALIFORNIA AVE
Playground
Bond Hill
NORTHCUT BLVD
DALE ROAD
Library
INTERCHANGE 8
NORWOOD
BALTIMORE
CONRAIL
NORTH COLLEGE HILL 2.7 MI.
2.5 MI TO U.S. 127
4062 II NW
(CINCINNATI WEST)
12'30"
R 1 T 3
F.R 2 T 3
4345
4343
4342
4341
4340

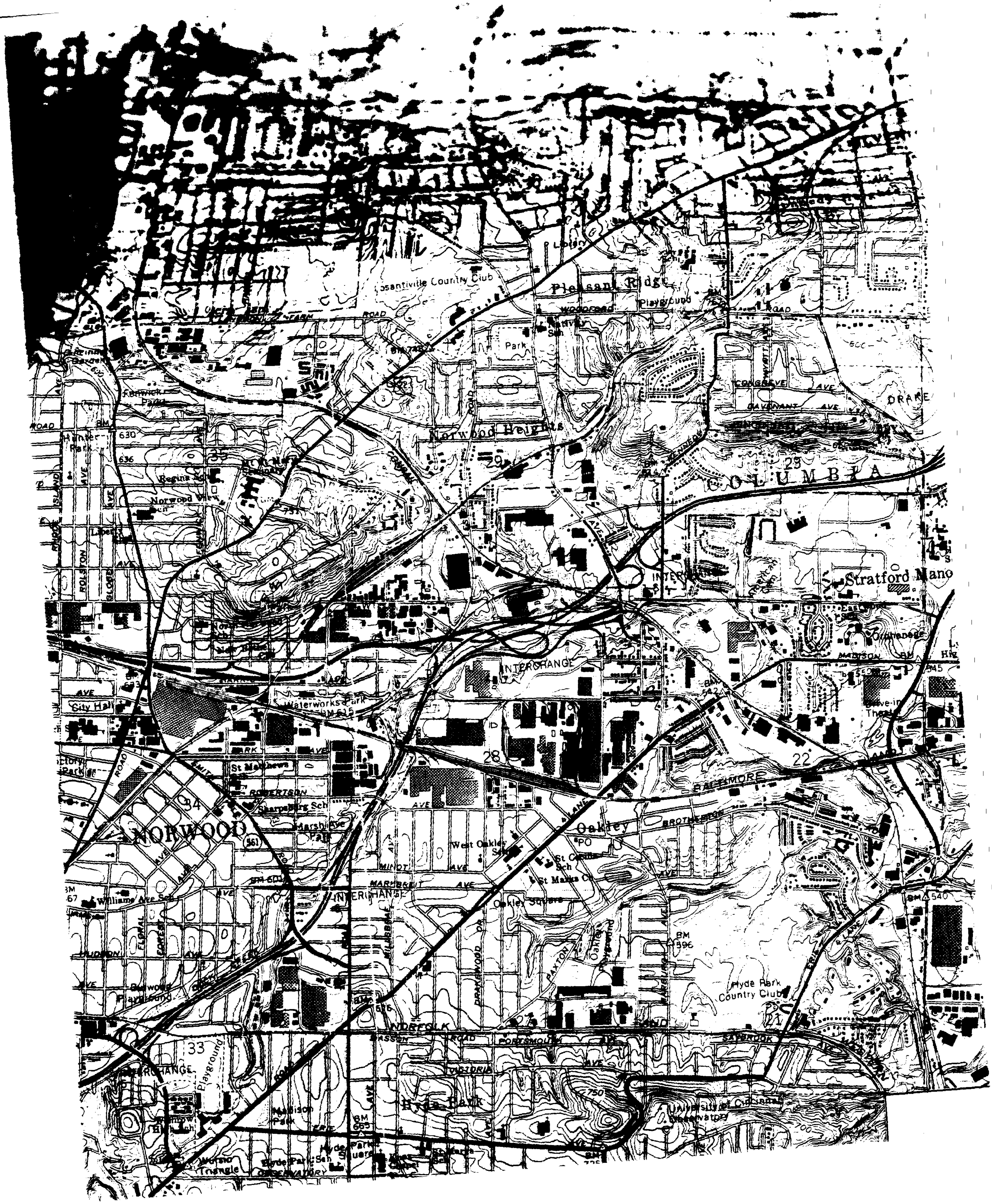


PROPOSED SITE
115 dBμV/m
NO AM BROADCAST STATION WITHIN 2 MILES
LOCKLAND
READING
Arlington Heights
SYCAMORE
Amberley
Whitetree
Rolling Knolls Estates
Arborcrest Acres
North Sagamore Heights
Amity
Brookwood
FRENCH PARK
Golf Manor
Pleasant Ridge
Kennedy Heights
Norwood Heights
Losantiville Country Club
Ridgewood Golf Course
SS Peter and Paul Cem
Notre Dame Academy
Mt Notre Dame Cem
Home for the Aged
Library

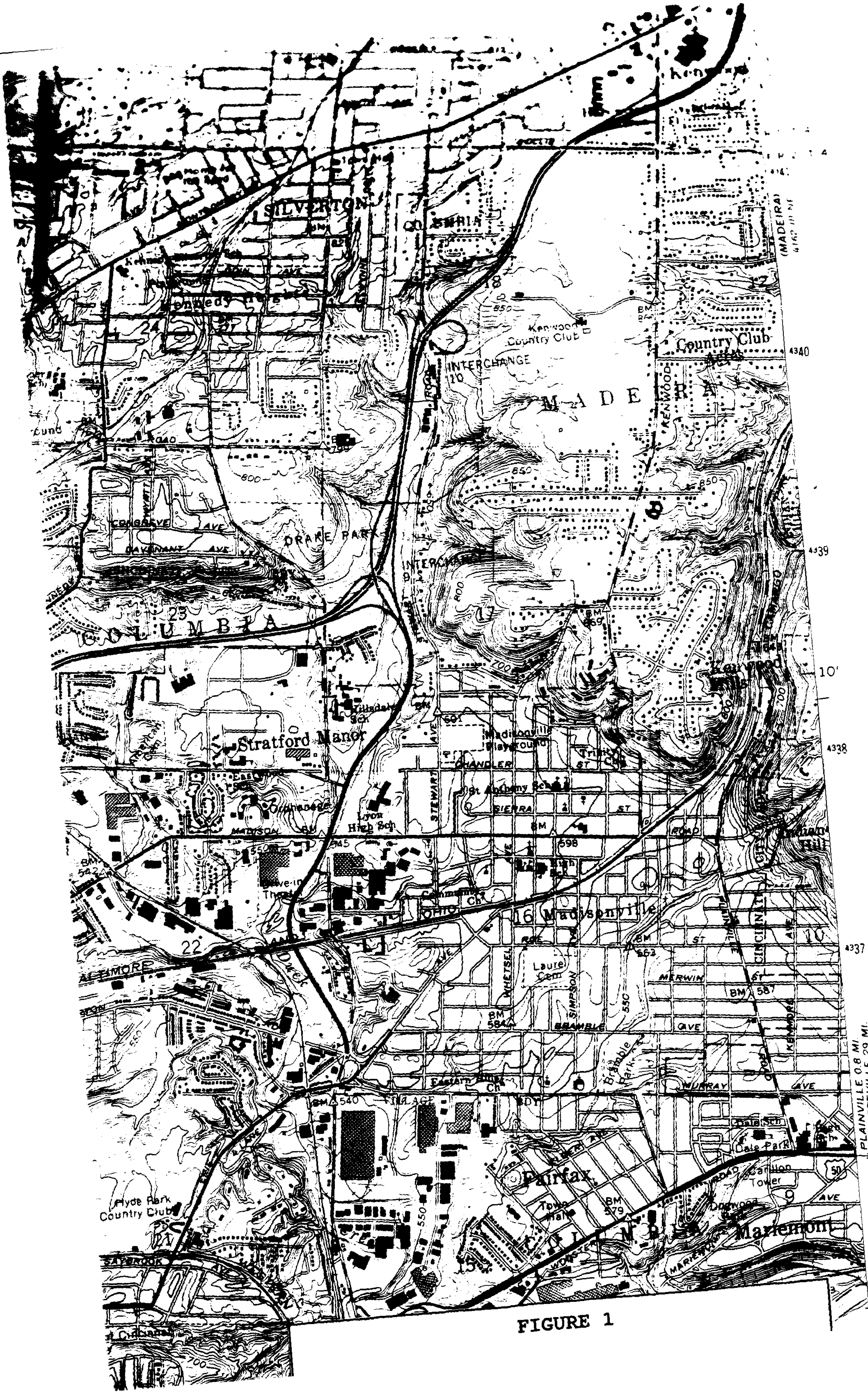


BLUE ASH
HUNT RD
VICTOR AVE
HIGHWAY
ALPINE AVE
BELLEVIEW
BLUE ASH CITY BDY
COUNTY
LIMERICK AVE
GLENGARY AVE
Dillonvale
SYCAMORE
Kenwood Knolls
Holmes Sch
Rossmoyne
SYCAMORE RD
North Sagamore Heights
KUGLER
St Saviour Sch
High Sch
Mt Carmel Ch
DEER PARK CITY BDY
Shopping Center
Amity Sch
GALBRAITH
OAKWOOD AVE
Amity
City Hall
Holiday Acres
Shopping Center
Chamberlin Park
DUNEDEN AVE
DEER PARK
O'LEARY AVE
LANSDOWNE AVE
ORCHARD AVE
Calvary Ch
WITHIN 2 MILES
WEBSTER AVE
St Johns Sch
Silverton Field
SOUTH AVE
Kenwood
MONTGOMERY 2.3 MI
WILMINGTON 38 MI
INTERCHANGE
EUCLID RD
R.1 T.4
FR.2 T.4
Town Hall
Home for the Aged
MONTGOMERY
SILVERTON
COLUMBIA
(MADEIRA)
Kennedy Heights
Kenwood Country Club
Country Club Acres
INTERCHANGE 10
MADEIRA
KENWOOD
DRAKE PARK
12'30"


2.5 MI. TO U.S. 127
2.7 MI TO U.S. 27 & 127
CINCINNATI WEST
Elmwood Place
INTERCHANGE
Maketewah Country Club
Shopping Center
Library
Bond Hill
NORTHCUT BLVD
Playground
Orphanage
LAIDLAW
CALIFORNIA AVE
DALE ROAD
LAWN
Drive-in Theater
SAINT BERNARD
TENNESSEE
ST MARYS CEMETERY
CINCINNATI
AVON FIELD
City Hall
SHERMAN
Hillcrest Park
Victory Park
Mitchell Triangle
Seasongood Square
Park
CONRAIL
Williams Ave Sch
CLENEAY
HUDSON
Avondale
Fleischmann Gardens
FOREST AVE
Evanston
Calvary Cem
Jewish Community Center
Jewish Hospital
4338
4337
4336
4335



Pleasant Ridge
Playground
WOODFORD
ROAD
Park
CONGREVE AVE
DAVENANT AVE
DRAKE
Norwood Heights
35
29
23
COLUMBIA
Regina Sch
Norwood View Sch
INTERCHANGE
Stratford Mano
MADISON
City Hall
Waterworks Park
St Matthews
ROBERTSON
Sharpsburg Sch
34
28
22
BALTIMORE
NORWOOD
Oakley
PO
West Oakley Sch
St Marks Ch
MINOT AVE
Oakley Square
HUDSON AVE
Hyde Park Country Club
NORFOLK
PORTSMOUTH AVE
33
27
21
INTERCHANGE
Playground
VICTORIA
Hyde Park
Madison Park
OBSERVATORY



SILVERTON
Kennedy Heights
Kenwood Country Club
INTERCHANGE 10
Country Club Addn
MADEIRA
DRAKE PARK
COLUMBIA
Stratford Manor
Lyon High Sch
Madisonville Playground
St Anthony Sch
Madisonville
Laurel Cem
Bramble Park
Dale Park
Carillon Tower
Fairfax
Town Hall
Mariemont
Hyde Park Country Club
PLAINVILLE 0.8 MI.
FAYETTEVILLE 29 MI.

FIGURE 1

(COVINGTON) 4062 II SE

Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, USCE, and City of Cincinnati

Topography by photogrammetric methods from aerial photographs taken 1949 and in part by City of Cincinnati. Field checked 1953. Revised 1961

Polyconic projection. 10,000-foot grid ticks based on Ohio coordinate system, south zone. 1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 6 meters west as shown by dashed corner ticks

Red tint indicates areas in which only landmark buildings are shown

Area east of the Little Miami River lies within the Virginia Military District. Area west of the Little Miami River lies within the Between the Miamis. Land lines based on the Great Miami River Base. Dotted land lines established by private subdivision of the Symmes Purchase

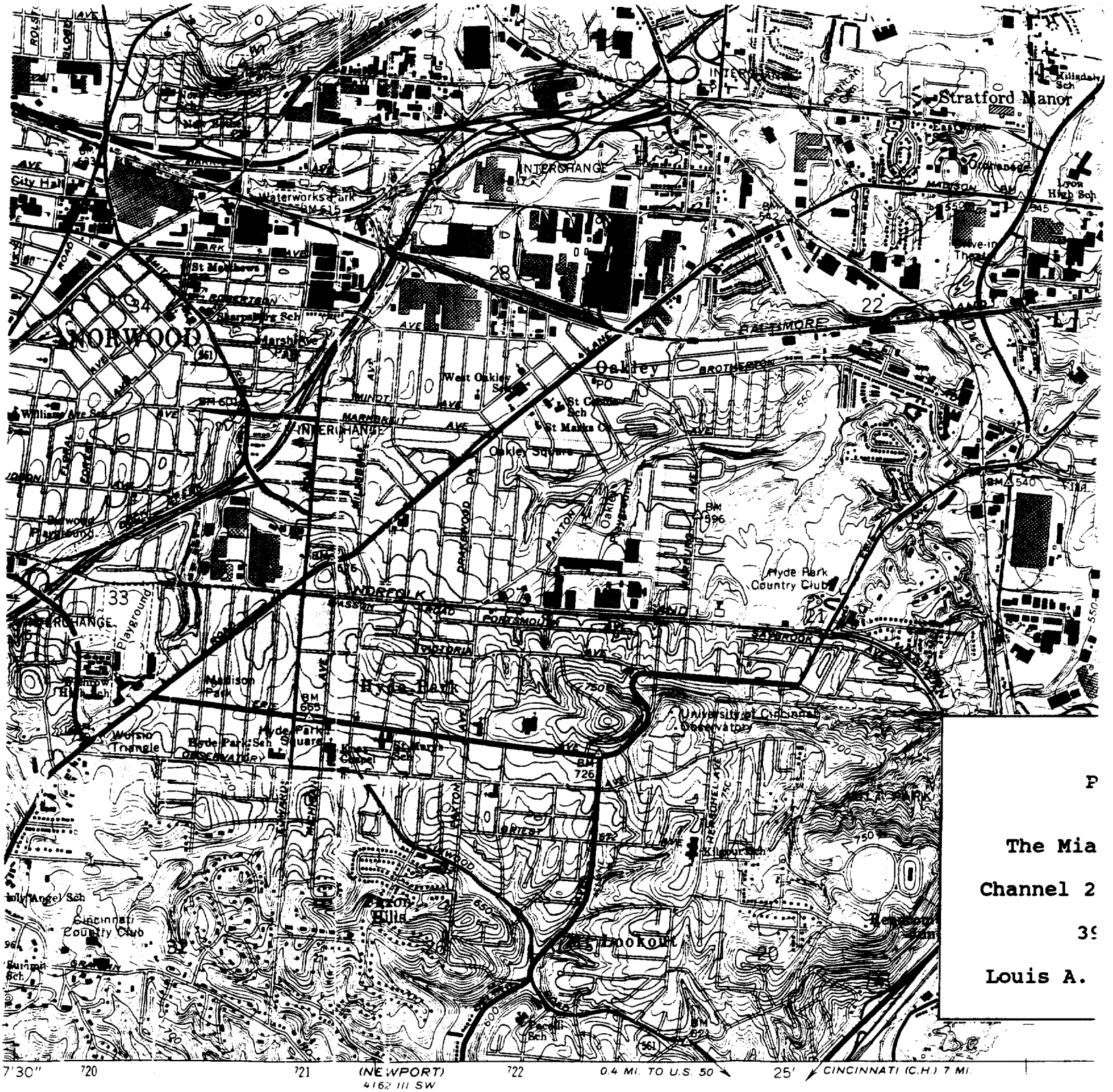
There may be private inholdings within the boundaries of the National or State reservations shown on this map

MN
GN

3°
53 MILS

1°37'
29 MILS

UTM GRID AND 1951 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



SCALE 1:24 000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

OHIO

QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple and woodland compiled in co with State of Ohio agencies from aerial photographs tak and other sources. This information not field checked.

Purple tint indicates extension of urban areas

P

The Mia

Channel 2

3

Louis A.

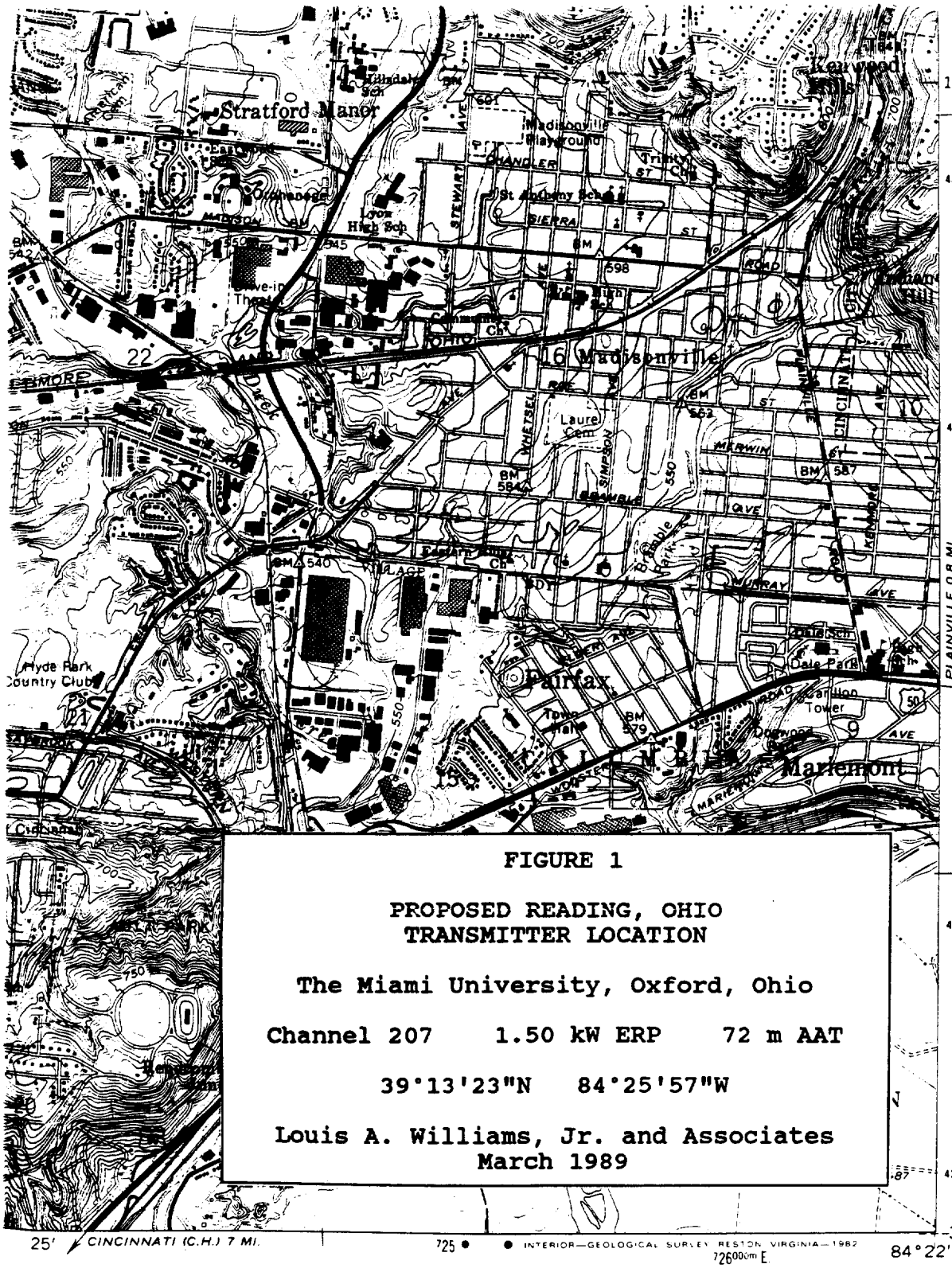


FIGURE 1

PROPOSED READING, OHIO
TRANSMITTER LOCATION

The Miami University, Oxford, Ohio

Channel 207 1.50 kW ERP 72 m AAT

39°13'23"N 84°25'57"W

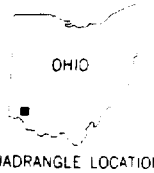
Louis A. Williams, Jr. and Associates
March 1989

ROAD CLASSIFICATION

Heavy-duty — Light-duty

Medium-duty — Unimproved dirt

Interstate Route U. S. Route State Route



QUADRANGLE LOCATION

Revisions shown in purple and woodland compiled in cooperation with State of Ohio agencies from aerial photographs taken 1979 and other sources. This information not field checked. Map edited 1981

Purple tint indicates extension of urban areas

CINCINNATI EAST, OHIO

N3907.5—W8422.5/7.5

1961
PHOTOREVISED 1981
DMA 4162 III NW-SERIES V852

1240-004

MIAMI UNIVERSITY

Office of the President
Roudebush Hall
Oxford, Ohio 45056

March 2, 1990

Federal Communications Commission
1919 M Street, N.W.
Washington, D. C. 20554

Dear Sir or Madam:

The attached information constitutes an amendment to File #BPED 890530 MA, an application for an FM radio station in Reading, Ohio.

Thank you for your assistance.

Sincerely,

Paul G. Pearson
President

js

Attachment

CLARIFICATION OF DIRECTIONAL ANTENNA PATTERN DATA IN THE MIAMI UNIVERSITY, OXFORD, OHIO APPLICATION FOR CONSTRUCTION PERMIT FOR A NEW NCE FM BROADCAST STATION IN READING, OHIO FILE NO. BPED-890530MA

This statement provides a clarification of the directional antenna pattern data for WOBO and WNKU used in the above referenced application. This clarification is offered in response to paragraph 40 of MM Docket No. 87-121 released February 22, 1989. The following information does not change any of the engineering conclusions in the above referenced application.

The antenna pattern data for WOBO used in the engineering exhibit supporting the above referenced Reading Application is taken from the WOBO azimuth pattern plot in the Jampro report dated September 28, 1987 and submitted to the FCC as an attachment to WOBO's Application for License BLED-880202KB. The WOBO azimuth pattern plot referenced in the WOBO Construction Permit BPED-860613MD differs at some azimuths from the WOBO azimuth pattern given in the WOBO license application but in the azimuths critical to the subject Reading Application the two patterns are essentially the same. This correspondence is shown in Tables 1 and 2 below.

The data given below in Tables 1 and 2 covers the critical WOBO azimuths developed in the subject Reading Application in Tables 12A and 12B. Table 12A is the more critical of the two and the comparison in Table 1 below shows there is no significant difference at the critical azimuths between the pattern referenced in the WOBO construction permit and the pattern given in the WOBO license application. The critical distances to WOBO contours given in the subject Reading Application can therefore be taken as based upon construction permit data.

TABLE 1
Azimuths Referenced in
Reading Application Table 12A

WOBO Azimuth	WOBO CP APP Figure 3 Relative Field	WOBO LIC APP Attach 1, p. 3 Relative Field
300°	0.435	0.43
301	0.44	0.435
302	0.443	0.44
303	0.448	0.445
304	0.45	0.45
305	0.454	0.455

TABLE 2
Azimuths Referenced in
Reading Application Table 12B

WOBO Azimuth	WOBO CP APP Table 1 Relative Field	WOBO LIC APP Attach 1, p. 5 Relative Field
260°	0.48	0.50
270	0.39	0.40
280	0.33	0.34
290	0.38	0.39
300	0.44	0.43
310	0.47	0.48
320	0.54	0.53
330	0.58	0.57
340	0.56	0.56
350	0.53	0.49

The antenna pattern data for WNKU used in the engineering exhibit supporting the subject Reading Application is taken from the WNKU azimuth pattern plot in the Electronics Research, Inc. report dated October 30, 1984 and is believed to be the latest WNKU license data. This WNKU antenna pattern data is in fact essentially identical to the antenna pattern data referenced in the WNKU Construction Permit BMPED-841119IG.

Very slight differences exist between the tabular data given in the application for the WNKU construction permit and the tabular data used in the subject Reading Application. These differences are noted below in Table 3 and are believed due to two different people reading the same polar plot:

TABLE 3
WNKU RELATIVE FIELD

WNKU Azimuth	WNKU CP (Fig. 3E Table)	Reading App. (Table 18)
350°	0.25	0.25
0	0.20	0.21
10	0.175	0.18
20	0.175	0.18
30	0.195	0.21
40	0.245	0.25
50	0.305	0.32
60	0.380	0.39

Note that in all cases in Table 3 the subject Reading Application uses the same or slightly more relative field for the WNKU pattern, so the small differences would actually increase the contour margin. The distances to WNKU contours given in the Reading Application can therefore be taken as based upon construction permit data.

Louis A. Williams, Jr. Date: February 8, 1990

Louis A. Williams, Jr., P.E.
2092 Arrowood Place
Cincinnati, OH 45231

(513) 851-4964

CERTIFICATE OF SERVICE

I, Stephanie A. Thompson, a secretary in the law offices of Haley, Bader & Potts, hereby certify that I have on this date, August 24, 1992, sent copies of the foregoing "PETITION FOR LEAVE TO AMEND" by first-class, United States mail, postage prepaid, to the following:

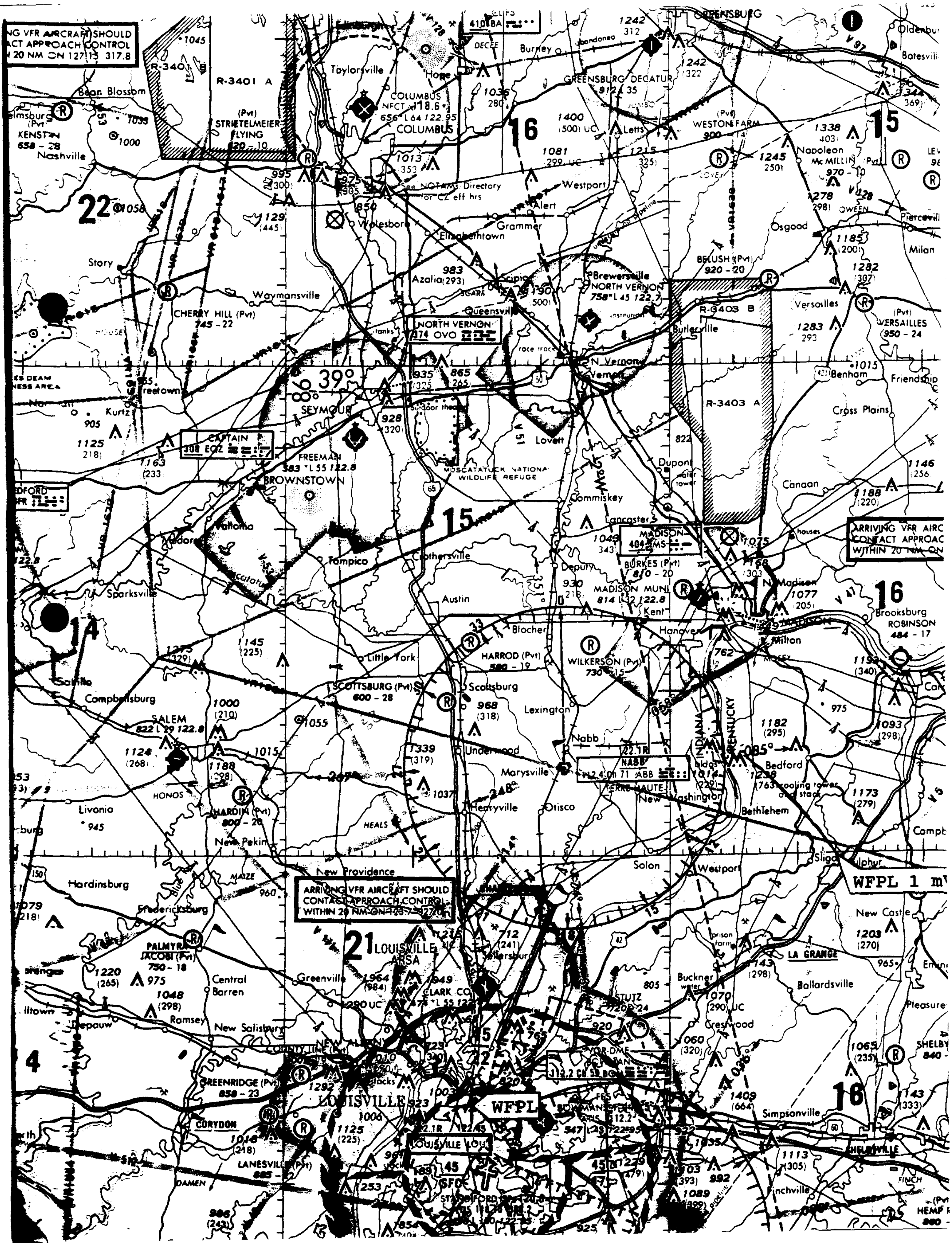
*Honorable John M. Frysiak
Administrative Law Judge
Federal Communications Commission
2000 L Street, N.W., Room 223
Washington, DC 20554

*Robert A. Zauner, Esq.
Hearing Branch
Mass Media Bureau
2025 M Street, N.W., Room 7212
Washington, DC 20554

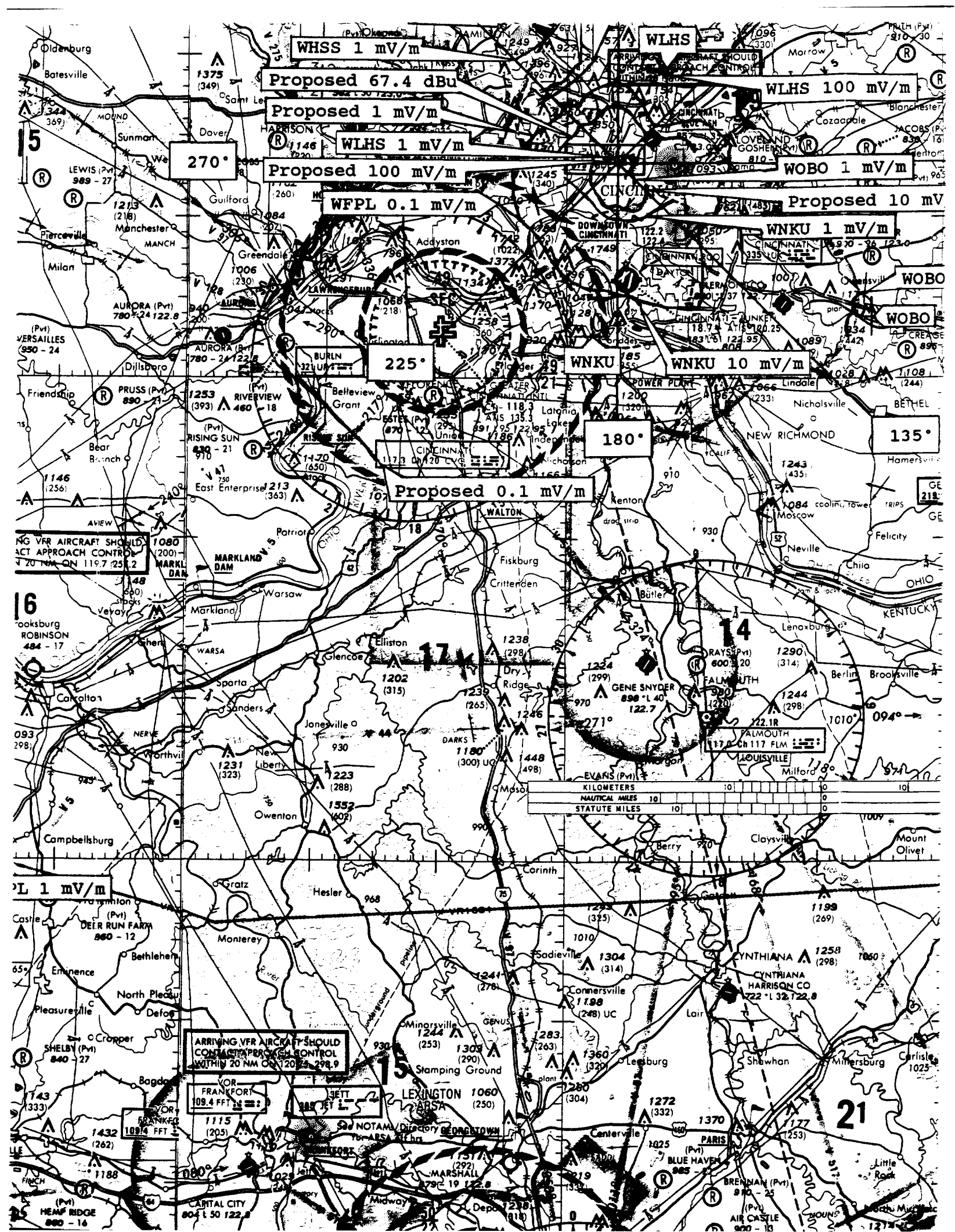
Stanley S. Neustadt, Esq.
Cohn & Marks
1333 New Hampshire Ave., N.W.
Suite 600
Washington, DC 20036
(Counsel for Miami University)

*Hand Delivered

Stephanie A. Thompson



R-3401 A
R-3401 B
Taylorsville
Hope
Burney
Greensburg
GREENSBURG DECATUR
COLUMBUS
Bean Blossom
STRIETELMEIER FLYING
Nashville
Westport
Alert
Grammer
Elizabethtown
Walesboro
Story
Waymansville
CHERRY HILL (Pvt)
Azalia
Scipio
Brewersville
NORTH VERNON
Queensville
Butlerville
R-3403 B
R-3403 A
Versailles
VERSAILLES
Napoleon
Osgood
Milan
Benham
Friendship
Cross Plains
Canaan
SEYMOUR
Kurtz
CAPTAIN
FREEMAN
BROWNSTOWN
Lovett
Dupont
MUSCATATUCK NATIONAL WILDLIFE REFUGE
Commiskey
Lancaster
MADISON
Vallonia
Tampico
Crothersville
Deputy
BURKES (Pvt)
Sparksville
Austin
MADISON MUNI
Kent
N. Madison
Brooksburg
ROBINSON
Blocher
Hanover
Milton
Little York
HARROD (Pvt)
WILKERSON (Pvt)
Saltillo
Campbellsburg
SCOTTSBURG (Pvt)
Scottsburg
Lexington
SALEM
Underwood
Nabb
NABB
INDIANA
KENTUCKY
Bedford
Marysville
New Washington
Bethlehem
Livonia
HARDIN (Pvt)
Henryville
Otisco
New Pekin
Solon
Westport
New Providence
Hardinsburg
Fredericksburg
ARRIVING VFR AIRCRAFT SHOULD CONTACT APPROACH CONTROL WITHIN 20 NM ON 123.7 327.0
WFPL 1 mW
New Castle
LA GRANGE
PALMYRA
JACOBI (Pvt)
Central Barren
Greenville
LOUISVILLE ARSA
Sellersburg
CLARK CO
Buckner
Ballardsville
Ramsey
New Salisbury
Depauw
STUTZ
Crestwood
Pleasureville
GREENRIDGE (Pvt)
LOUISVILLE
WFPL
BOWMAN
Simpsonville
SHELBYVILLE
CORYDON
LANESVILLE (Pvt)
Finchville


WHSS 1 mV/m
Proposed 67.4 dBu
Proposed 1 mV/m
WLHS 1 mV/m
Proposed 100 mV/m
WFPL 0.1 mV/m
WLHS
WLHS 100 mV/m
WOBO 1 mV/m
Proposed 10 mV
WNKU 1 mV/m
WOBO
WOBO
WNKU
WNKU 10 mV/m
270°
225°
180°
135°
Proposed 0.1 mV/m
271°
094°
L 1 mV/m
ARRIVING VFR AIRCRAFT SHOULD CONTACT APPROACH CONTROL WITHIN 20 NM ON 120.4 298.9
KILOMETERS
NAUTICAL MILES
STATUTE MILES
Oldenburg
Batesville
Sunman
Dover
Guilford
Manchester
Pierceville
Milan
Greendale
Addyston
Dillsboro
Friendship
Belleview
Grant
Bear Branch
East Enterprise
Patriot
Markland
Warsaw
Vevay
Elliston
Glencoe
Sparta
Carrollton
Sanders
Jonesville
Owenton
Campbellsburg
Gratz
Hesler
Monterey
Eminence
Pleasureville
North Pleasure
Defoe
Cropper
Bagdad
Minorsville
Stamping Ground
LEXINGTON ARSA
GEORGETOWN
Midway
Depot
Centerville
Sadieville
Connersville
Corinth
Claysville
Berry
Mount Olivet
Lair
Leesburg
Shawhan
Millersburg
Carlisle
CYNTHIANA
CYNTHIANA HARRISON CO
PARIS
BLUE HAVEN
Little Rock
Fiskburg
Crittenden
Butler
Kenton
Moscow
Neville
Felicity
Chilo
Lenoxburg
Brooksville
Berlin
Milford
Mason
Dry Ridge
Jonesville
Liberty
Worthville
Hamersville
Nicholsville
NEW RICHMOND
BETHEL
Lindale
Latonia
Lakeside
Independence
Florence
Union
Belleview
Grant
Riverview
Rising Sun
Aurora
Lawrenceburg
Addyston
Greendale
Cincinnati
Downtown Cincinnati
Dayton
Clermont Co
Cozaddale
Morrow
Blanchester
Loveland
Goshen
Jacobs
Lewis
Versailles
Pruss
Estes
Cincinnati Lunken
Cincinnati Blue Ash
Cincinnati Ch 118.3
Cincinnati Ch 120
Cincinnati Ch 117
Falmouth
Falmouth Ch 117 FLM
Louisville
Evans
Gene Snyder
Rays
Markland Dam
Robinson
Deer Run Farm
Shelby
Capital City
Hemp Ridge
Brennan
Air Castle
Frankfort
Frankfort Jett
Jett
Georgetown
Marshall
Midway
Owenton
Monterey
Eminence
Pleasureville
North Pleasure
Defoe
Cropper
Bagdad
Minorsville
Stamping Ground
Lexington ARSA
Georgetown
Midway
Depot
Centerville
Sadieville
Connersville
Corinth
Claysville
Berry
Mount Olivet
Lair
Leesburg
Shawhan
Millersburg
Carlisle
Cynthiana
Cynthiana Harrison Co
Paris
Blue Haven
Little Rock
Fiskburg
Crittenden
Butler
Kenton
Moscow
Neville
Felicity
Chilo
Lenoxburg
Brooksville
Berlin
Milford
Mason
Dry Ridge
Jonesville
Liberty
Worthville
Hamersville
Nicholsville
New Richmond
Bethel
Lindale
Latonia
Lakeside
Independence
Florence
Union
Belleview
Grant
Riverview
Rising Sun
Aurora
Lawrenceburg
Addyston
Greendale
Cincinnati
Downtown Cincinnati
Dayton
Clermont Co
Cozaddale
Morrow
Blanchester
Loveland
Goshen
Jacobs
Lewis
Versailles
Pruss
Estes
Cincinnati Lunken
Cincinnati Blue Ash
Cincinnati Ch 118.3
Cincinnati Ch 120
Cincinnati Ch 117
Falmouth
Falmouth Ch 117 FLM
Louisville
Evans
Gene Snyder
Rays
Markland Dam
Robinson
Deer Run Farm
Shelby
Capital City
Hemp Ridge
Brennan
Air Castle
Frankfort
Frankfort Jett
Jett
Georgetown
Marshall
Midway
Owenton
Monterey
Eminence
Pleasureville
North Pleasure
Defoe
Cropper
Bagdad
Minorsville
Stamping Ground
Lexington ARSA
Georgetown
Midway
Depot
Centerville
Sadieville
Connersville
Corinth
Claysville
Berry
Mount Olivet
Lair
Leesburg
Shawhan
Millersburg
Carlisle
Cynthiana
Cynthiana Harrison Co
Paris
Blue Haven
Little Rock

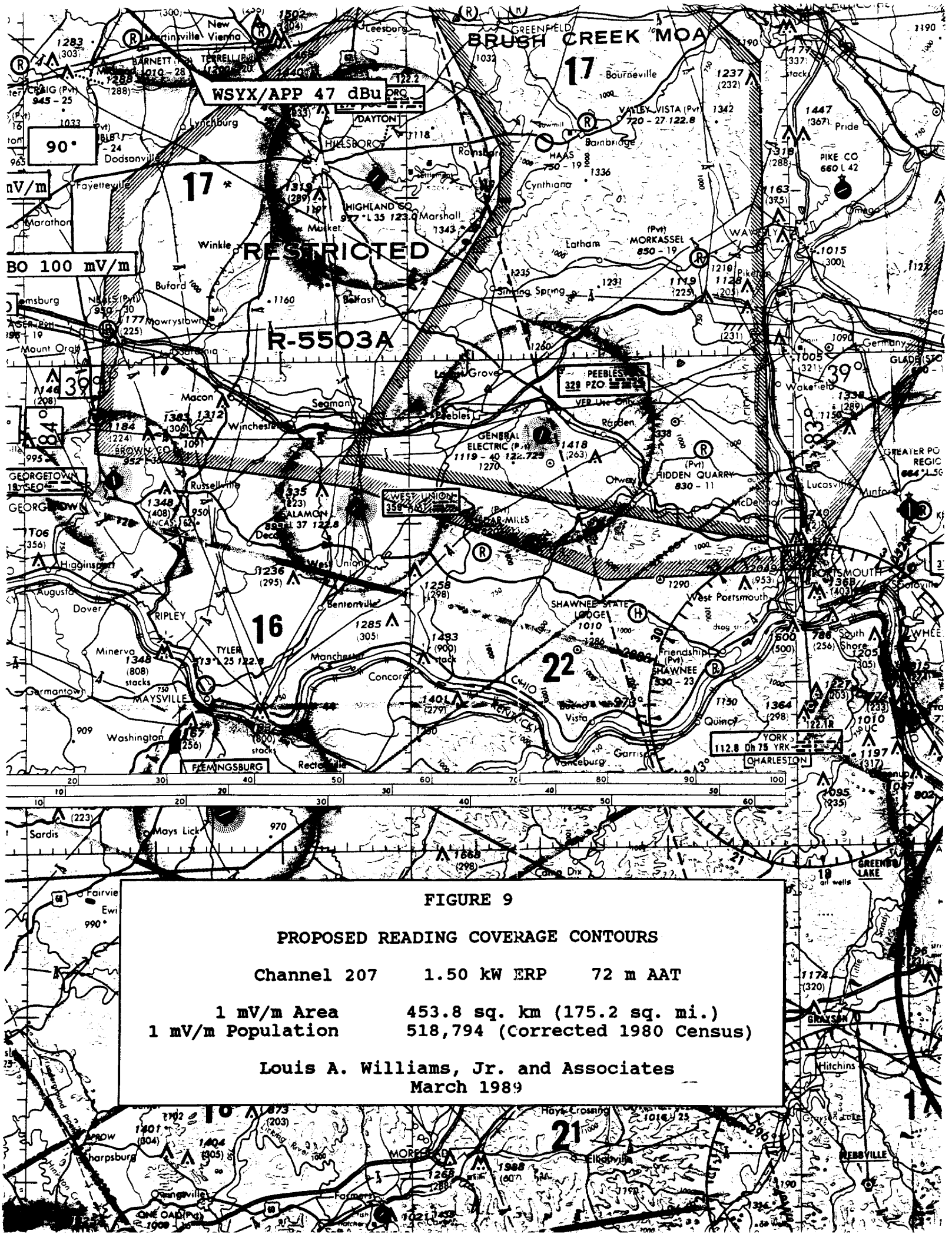


FIGURE 9

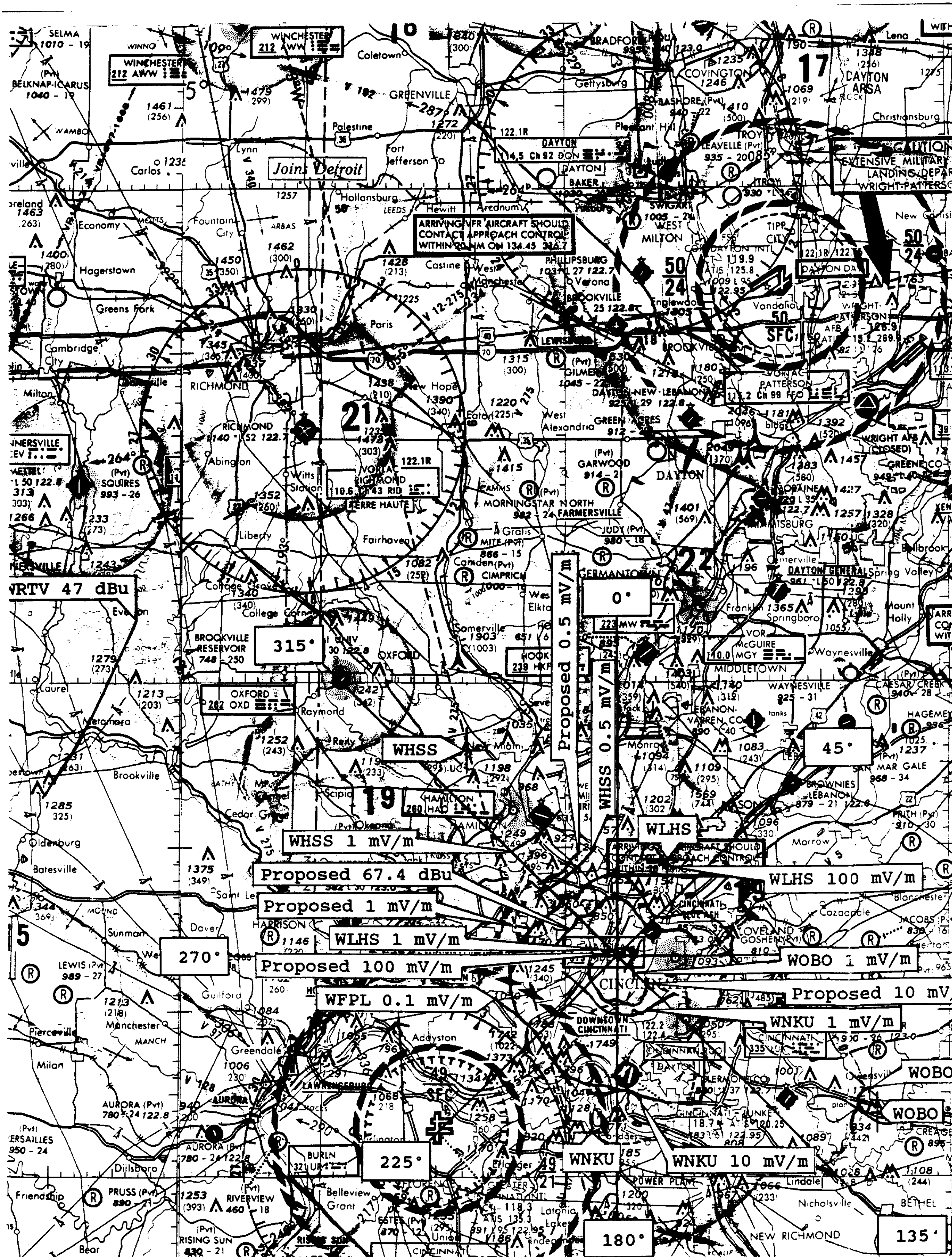
PROPOSED READING COVERAGE CONTOURS

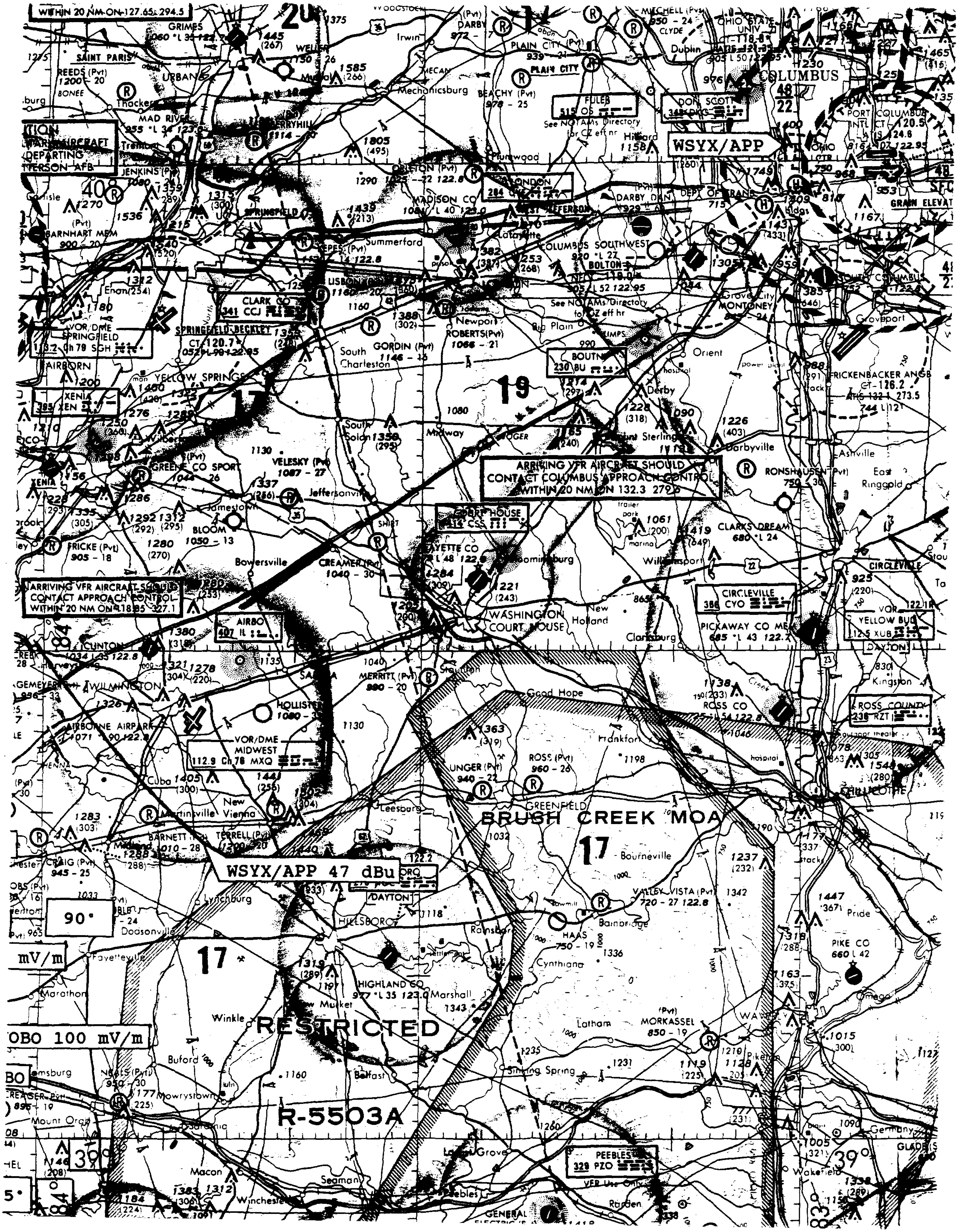
Channel 207 1.50 kW ERP 72 m AAT

1 mV/m Area	**453.8 sq. km (175.2 sq. mi.)**
1 mV/m Population	**518,794 (Corrected 1980 Census)**

Louis A. Williams, Jr. and Associates
March 1989

ANDERSON
IRION (Pvt)
800 - 26
Cicero
Riverwood
MAGGART (Pvt)
870 - 24
WINDY KNOLL (Pvt)
WESTFIELD
932 L 30
NOBLESVILLE
Westfield
INDIANAPOLIS TERRY
922 L 50 122.8
20
17
Cowan
Oakville
Springport
STARKEY (Pvt)
1110 - 20
Losantville
Middletown
Summit
ZIONSVILLE
248 HZP
CARMEL
Pendleton
MATHEWS (Pvt)
HARTER (Pvt)
1070 - 26
Sulphur Spgs
Cadiz
Mooreland
Markleville
NEW CASTLE
INDIANAPOLIS METROPOLITAN
803 L 30 123.0
FORTVILLE
INDIANAPOLIS BROOKSIDE
854 L 29 122.8
WRTV
GEIST DAM
HANGAR FLY
MT COMFORT
862 L 55 122.7
Mohawk
Shirley
Kennard
V 50
NEW CASTLE
385 UWL
HAGERSTOWN
1000 L 40
123.0
WILLCOX (Pvt)
990 - 26
Spiceland
NEW CASTLE-HENRY CO
1095 L 40 122.8
Dublin
INDIANAPOLIS
EAGLE CREEK
MORRIS (Pvt)
POPE
895 L 21
Knightstown
Dunreith
Straughn
Milton
POST-AIR
SFC
GREENFIELD
Charlottesville
WEBER (Pvt)
974 - 24
Carthage
Mays
15
17
CONNERSVILLE
ARRIVING VFR AIRCRAFT SHOULD CONTACT APPROACH CONTROL WITHIN 20 NM ON 124.95 317.8
GREENWOOD MUNI
Pleasant View
Morristown
Arlington
GREENWOOD
SHELBYVILLE
804 L 37 122.8
SHELBYVILLE
112.0 Ch 57 SHB
TERRE HAUTE
Rushville
CONNERSVILLE
WRTV
LOWRY
HODGES (Pvt)
MILES
New Whiteland
Noah
Manilla
Homer
GRAY
750 - 18
Fairland
Boggstown
Needham
SHELBYVILLE
Brooklyn
Bargersville
PARKINSON (Pvt)
New Salem
Andersonville
CASSIDY (Pvt)
715 - 21
JUNGCLAUS (Pvt)
765 - 18
FRANKLIN
740 L 24 122.7
SOLENBURG (Pvt)
720 - 45
PHERIGO (Pvt)
760 - 21
Waldron
Milroy
TRAFALGAR
Amity
St Paul
Lewis Creek
Sandusky
Peppertown
Morgantown
WILLIAMS (Pvt)
620 - 15
CAMP ATTERBURY
Norristown
Adams
HILLENBRAND
973 - 50 122.8
GREENSBURG
ARRIVING VFR AIRCRAFT SHOULD CONTACT APPROACH CONTROL WITHIN 20 NM ON 127.15 317.8
R-3401 B
R-3401 A
(Pvt)
STRIETELMEIER FLYING
620 - 10
Edinburgh
Taylorsville
Hope
Burney
GREENSBURG DECATUR
912 L 35
Bean Blossom
COLUMBUS
656 L 64 122.95
COLUMBUS
16
Letts
WESTON FARM
900 - 14
15
KENSTIN
658 - 28
Nashville
Napoleon
McMILLIN
970 - 10
22
See NOTAMs Directory for CZ eff hrs
Westport
Alert
Grammer
Walesboro
Elizabethtown
Osgood
Pierceville
Story
Azalia
Scipio
Brewersville
NORTH VERNON
758 L 45 122.7
BELUSH (Pvt)
920 - 20
Waymansville
CHERRY HILL (Pvt)
745 - 22
Queensville
NORTH VERNON
374 OVO
R-3403 B
Butlerville
Versailles
VERSAILLES
950 - 24
Freetown
39°
SEYMOUR
N Vernon
Vernon
Benham
Friendship
Kurtz
R-3403 A
Cross Plains
CAPTAIN
Lovett


WRTV 47 dBu
315°
0°
Proposed 0.5 mV/m
WHSS 0.5 mV/m
WHSS
45°
WLHS
WHSS 1 mV/m
Proposed 67.4 dBu
WLHS 100 mV/m
Proposed 1 mV/m
WLHS 1 mV/m
270°
WOBO 1 mV/m
Proposed 100 mV/m
Proposed 10 mV
WFPL 0.1 mV/m
WNKU 1 mV/m
WOBO
WOBO
225°
WNKU
WNKU 10 mV/m
180°
135°
Joins Detroit
ARRIVING VFR AIRCRAFT SHOULD CONTACT APPROACH CONTROL WITHIN 20 NM ON 134.45 324.7
RICHMOND
OXFORD
HAMILTON
MIDDLETOWN
DAYTON
CINCINNATI
DOWNTOWN CINCINNATI
GREENVILLE
Hagerstown
Economy
Cambridge City
Liberty
Brookville
Batesville
Oldenburg
Sunman
Milan
Greendale
Addyston
Lebanon
Waynesville
Springboro
Franklin
Germantown
Farmersville
Eaton
New Hope
Paris
West Alexandria
Englewood
Vandalia
Tipp City
West Milton
Covington
Gettysburg
Coletown
Palestine
Lynn
Carlos
Fountain City
Abington
Fairhaven
Camden
Somerville
Raymond
Reily
Cedar Grove
Harrison
Dover
Guilford
Aurora
Lawrenceburg
Rising Sun
Friendship
Dillsboro
Belleview
New Richmond
Nicholsville
Bethel
Lindale
Mount Holly
Spring Valley
Bellbrook
Centerville
Miamisburg
Christiansburg
Lena
DAYTON ARSA
CAUTION EXTENSIVE MILITARY LANDING DEPAR WRIGHT-PATTERSO



WITHIN 20 NM ON 127.65 294.5
COLUMBUS
WSYX/APP
PORT COLUMBUS INTL
SPRINGFIELD
SPRINGFIELD-BECKLEY
VOR/DME SPRINGFIELD
113.2 Ch 79 SGH
CLARK CO
341 CCJ
XENIA
385 XEN
YELLOW SPRINGS
BOUTN
230 BU
COLUMBUS SOUTHWEST
See NOTAMs/Directory for CZ eff hr
RICKENBACKER ANGB
ARRIVING VFR AIRCRAFT SHOULD CONTACT COLUMBUS APPROACH CONTROL WITHIN 20 NM ON 132.3 279.6
COURT HOUSE
WASHINGTON COURT HOUSE
ARRIVING VFR AIRCRAFT SHOULD CONTACT APPROACH CONTROL WITHIN 20 NM ON 118.85 327.1
AIRBO
407 IL
CIRCLEVILLE
386 CYO
PICKAWAY CO MEM
YELLOW BUD
CIRCLEVILLE
WILMINGTON
CLINTON
VOR/DME MIDWEST
112.9 Ch 76 MXQ
HOLLISTER
ROSS CO
ROSS COUNTY
238 RZT
CHILLICOTHE
BRUSH CREEK MOA
GREENFIELD
Good Hope
Frankfort
Bourneville
WSYX/APP 47 dBu
HILLSBORO
HIGHLAND CO
HAAS
Bainbridge
Cynthiana
RESTRICTED
R-5503A
Lynchburg
Fayetteville
Winkle
Buford
Mowrystown
Belfast
Latham
MORKASSEL
Piketon
PIKE CO
Pride
Waverly
Sinking Spring
Mount Orab
Sardinia
Winchester
Seaman
Peebles
PEEBLES
329 PZO
Macon
Lynx
Wakefield
Germany
39°
90°
mV/m
OBO 100 mV/m
19
17